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Application No.: 10/500525

Case No.: 57402US004

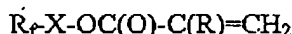
AMENDMENTS TO THE CLAIMS:

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) Method of treating a non-woven substrate or textile, comprising the step of applying to said non-woven substrate or textile a fluorochemical composition comprising a fluoropolymer that comprises:

- (a) between 10 and 97 molc% of units that can be derived from fluorinated monomer selected from the group consisting of monomers according to the general formula:



wherein  $R_f$  represents a perfluorinated aliphatic group having 3 or 4 carbon atoms, X is an organic divalent linking group, and R represents hydrogen or a lower alkyl group having 1 to 4 carbon atoms;

- (b) between 3 and 75 mole% of units derived from a chlorine containing comonomer selected from the group consisting of vinylidene chloride, vinyl chloride and mixtures thereof; and  
(c) optionally further units derived from monomers other than a fluorinated monomer and said chlorine containing comonomers;

wherein the amount of units (a), (b) and (c) adding up to 100%,

whereby said fluorochemical composition is an aqueous emulsion and is applied in such amount that the weight of fluoropolymer on said non-woven substrate or textile is not more than 3% by weight based on the weight of said non-woven substrate or textile.

2. (Original) Method according to claim 1 wherein the amount of units derived from said fluorinated monomer is between 25 and 97 mole%.

3. (Previously Presented) Method according to claim 1 wherein the fluorochemical composition is applied in such amount that the weight of fluoropolymer on said non-woven substrate or textile is not more than 1% by weight based on the weight of said non-woven

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substrate or textile.

4. (Previously Presented) Method according to claim 1 wherein said optional further units (c) comprise cure site units and said fluoropolymer comprises said cure site units in an amount of not more than 20 mole%.

5. (Previously Presented) Method according to claim 1 wherein said optional further units (c) comprise units derived from a hydrocarbon comonomer of the formula set forth below and said fluoropolymer comprises said units in an amount of up to 72 mole%:



wherein  $R_h$  represents an aliphatic group having 4 to 30 carbon atoms, L represents an organic divalent linking group and Z represents an ethylenically unsaturated group.

6. (Previously Presented) Method according to claim 1 wherein said organic divalent linking group X is selected from the group consisting of alkylene, aralkylene, arylene, sulfonamido, carbonamido, carbonyloxy, urethanylene, ureylene and combinations thereof.

7. (Previously Presented) Method according to claim 1 wherein said fluorochemical composition further comprises an isocyanate extender, a blocked isocyanate extender, a melamine based extender or an anionic binder.

8. (Previously Presented) Method according to claim 1 wherein said non-woven substrate is a non-woven web of thermoplastic polymer fibers and/or cellulose fibers.

9. (Original) Method according to claim 8 wherein said non-woven substrate is a surgical drape or gown or a wrapping for surgical instruments.

10. (Previously Presented) Method according to claim 1 wherein said textile is a rain- or outerwear article.

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11. (Previously Presented) Method according to claim 1 wherein said fluorinated monomer comprises at least one monomer according to said general formula (I) with R representing  $\text{CH}_3$ .

12. (Previously Presented) Non-woven substrate or textile having on a surface thereof an amount of the fluoropolymer as defined in claim 1 of not more than 3% by weight based on the weight of said non-woven substrate or textile.